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12 JUL 2006
IAPC Rec'd PCT/PTO

Attorney Docket No. 06460/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): T. TESHIROGI et al

Serial No. : National Phase of
PCT/JP2005/020859

Filed : Herewith

For : CIRCULARLY POLARIZED
ANTENNA AND RADAR
DEVICE USING THE SAME

Art Unit :
Examiner :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450,
Alexandria, VA 22313-1450

S I R :

Submitted herewith are copies of the publications (U.S. patent publications are not enclosed) identified on the attached Patent Office forms PTO/SB/08A and 08B. Also enclosed is an International Search Report.

The literature publications (Nos. 1-4) identified on form PTO/SB/08B are discussed on pages 2-6 of the specification.

USP 6,218,610 is a family member of JP 1999-017377.

US Patent Publication 2004/0012529 is a family member of WO 2003/021824.

USP 6,768,469 is a family member of JP 2005-525735.

It is respectfully requested that the publications submitted herewith be considered and made of record.

Respectfully submitted,

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Date of Deposit: July 12, 2006

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Barbara Villani

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PTO 12 JUL 2006

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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		101585832
		Filing Date		Herewith
		First Named Inventor		TESHIROGI
		Group Art Unit		
		Examiner Name		
Sheet	1	of	2	Attorney Docket Number

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		6,218,610 2004/0012529 6,768,469	B1 A1 B2	SUZUKI TESHIROGI et al HAGER et al	04-17-2001 01-22-2004 07-27-2004	

FOREIGN PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP JP JP JP JP PCT	3-267804 11-308044 2001-251132 11-17377 2005-525735 WO 03/021824	A A A A A A1	TESHIROGI et al	11-28-1991 11-05-1999 09-14-2001 01-22-1999 08-25-2005 03-13-2003		x*

*includes English abstract

Examiner Signature		Date Considered	
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Place a check here if English translation is attached.

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PTO/SB/08B (08-00)

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/585832	
		Filing Date	Herewith	
		First Named Inventor	TESHIROGI	
		Group Art Unit		
		Examiner Name		
Sheet	2	of	2	
Attorney Docket Number				06460/LH

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		1. FCC 02-48 New Part 15 Rules; FIRST REPORT AND ORDER; pp. 2-4; 72-78; 103-116; April 2002. 2. FCC 04-285; SECOND REPORT AND ORDER AND SECOND MEMORANDUM OPINION AND ORDER; pp. 20-21; Dec. 16, 2004. 3. T. TESHIROGI et al; RESIDUAL-CARRIER FREE BURST OSCILLATOR FOR AUTOMOTIVE UWB RADAR APPLICATIONS; Electronics Letters, April 2005; Vol. 41, No. 9. 4. H. NAKANO et al; TILTED AND AXIAL BEAM FORMATION BY A SINGLE ARM RECTANGULAR SPIRAL ANTENNA WITH COMPACT DIELECTRIC SUBSTRATE AND CONDUCTING PLANE; IEEE; Trans. AP, Vol. 50, No. 1, pp. 17-23; January 2002. 5. T. TESHIROGI et al; WIDEBAND CIRCULARLY POLARIZED ARRAY ANTENNA WITH SEQUENTIAL ROTATIONS AND PHASE SHIFT OF ELEMENTS; Proc. Of ISAP'85; 024-3; pp. 117-120; 1985.	

Examiner Signature		Date Considered	
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